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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111969.01		APPLICATION NO. 10/748,183	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Atsushi UMEDA			
				FILING DATE December 31, 2003		GROUP 2834	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
W		JP-A-54-39805	3/27/1979	Japan (w/Abstract)			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER		Date Considered			8/23/04		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111969.01		APPLICATION NO. Rule 53(b) Divisional of Application No. 10/073,857 <b>CON: 10/748 183</b>	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Atsushi UMEDA			
				FILING DATE December 31, 2003		PRIOR GROUP 2834	

  

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
UP		5,122,705	6/1992	Kusase et al.	310	680
UP		5,998,903	12/1999	Umeda et al.	310	179
UP		5,955,810	9/1999	Umeda et al.	310	208
UP		5,444,355	8/1995	Kaneyuki et al.	322	58
UP		4,710,661	12/1987	<del>Gjota</del> Warner et al.	310	360
UP		5,686,774	11/1997	Slavik et al.	310	198
UP		5,936,326	8/1999	Umeda et al.	310	179

  

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
UP		EP 0 18 835 A1	11/1980	Europe		
UP		DE 32 02 958 A1 w/ conc. exp.	8/1983	Germany		
UP		0 534 153 A1	3/1993	Europe		
UP		0 828 335 A1	3/1998	Europe w/Abstract		

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	

  

EXAMINER <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">L. L. L. L.</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">8/23/04</div>
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Date: December 31, 2003

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